Please amend the above-identified U.S. application as follows:

In the Claims:

Please amend claims 1, 18 & 29 as set forth below.

1. (Amended)   An encoder for encoding a sequence of video data, said encoder comprising:

   storage for holding multiple sets of quantization matrix tables, wherein said multiple sets of quantization matrix tables comprise separate, independent sets of quantization matrix tables, each set of quantization matrix tables comprising at least one intra matrix table and at least one non-intra matrix table;

   a quantizer for quantizing said sequence of video data in a single pass using at least one set of quantization matrix tables of said multiple sets of quantization matrix tables; and

   means for dynamically switching said quantizer during said single pass quantizing from using said one set of quantization matrix tables to using another set of quantization matrix tables of said multiple sets of quantization matrix tables.

18. (Amended)   A method for encoding a sequence of video data, said method comprising:

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3   providing storage for holding multiple sets of
4 quantization matrix tables, wherein said multiple sets of
5 quantization matrix tables comprise separate, independent
6 sets of quantization matrix tables, each set of quantization
7 matrix tables comprising at least one intra matrix table and
8 at least one non-intra matrix table;

9   quantizing the sequence of video data in a single pass
10 using at least one set of quantization matrix tables of said
11 multiple sets of quantization matrix tables; and

12   dynamically switching said quantizing during said
13 single pass from using said one set of quantization matrix
14 tables to using another set of quantization matrix tables of
15 said multiple sets of quantization matrix tables.

1 29. (Amended) An article of manufacture comprising:

2   a computer program product comprising computer usable
3 medium having computer readable program code means therein
4 for use in encoding a sequence of video data, said computer
5 readable program code means in said computer program product
6 comprising:

7   computer readable program code means for causing a
   computer to effect storing multiple sets of
8 quantization matrix tables, wherein said multiple sets
9 of quantization matrix tables comprise separate,
10 independent sets of quantization matrix tables, each
11 set of quantization matrix tables comprising at least
12 one intra matrix table and at least one non-intra
13 matrix table;
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